IN THE CLAIMS

Claims 1-12   (Canceled)

13.   (New)   A computer system comprising:

a plurality of client computers; '

a server computer connected to said plurality of client computers via a local area network;

a storage, which has a plurality of disk drives and keeps data in said plurality of disk drives, arranged to communicate with said server computer; and

a backup device connected to said storage via a storage area network,

wherein said storage has a pair of volumes comprising a primary volume and a secondary volume which is a replica of said primary volume, receives an instruction for splitting a pair of volumes, and receives an instruction for transferring data in said secondary volume to said backup device, such that said transferred data is transferred to said backup device via said storage area network without passing on said local area network.

14.   (New)   The computer system according to claim 13, wherein said pair of volumes are configured by using said plurality of disk drives.

15.   (New)   The computer system according to claim 13, wherein said storage is arranged to receive an instruction for assigning the secondary volume for creating a replica of said primary volume.

16.   (New)   The computer system according to claim 15, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said storage.

17.   (New)   The computer system according to claim 15, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by one of said client computers.

18.   (New)   The computer system according to claim 15, wherein said pair of volumes are configured by using said plurality of disk drives.

19.   (New)   The computer system according to claim 13, wherein said storage is arranged to receive an instruction for creating said secondary volume.

20.   (New)   The computer system according to claim 19, wherein said storage is arranged to receive an instruction for assigning the secondary volume for creating a replica of said primary volume.

21.   (New)   The computer system according to claim 20, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said storage.

22.   (New)   The computer system according to claim 20, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by one of said client computers.

23.   (New)   The computer system according to claim 19, wherein said pair of volumes are configured by using said plurality of disk drives.

24.   (New)   The computer system according to claim 13, wherein said transferred data is transferred to said backup device via said storage area network without passing through said server computer.

25.   (New)   The computer system according to claim 24, wherein said storage is arranged to receive an instruction for creating said secondary volume.

26.   (New)   The computer system according to claim 24, wherein said storage is arranged to receive an instruction for assigning the secondary volume for creating a replica of said primary volume.

27.   (New)   The computer system according to claim 26, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said storage.

28.   (New)   The computer system according to claim 26, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issue by one of said client computers.

29.   (New)   The computer system according to claim 24, wherein said pair of volumes are configured by using said plurality of disk drives.

30.   (New)   The computer system according to claim 25, wherein said storage is arranged to receive an instruction for

assigning the secondary volume for creating a replica of said primary volume.

31.   (New)   The computer system according to claim 30, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said storage.

32.   (New)   The computer system according to claim 30, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said client computer.

33.   (New)   The computer system according to claim 30, wherein said pair of volumes are configured by using said plurality of disk drives.

34.   (New)   The computer system according to claim 13, wherein said instruction for transferring data in said secondary volume to said backup device includes the address of said backup device on said storage area network.

35.   (New)   The computer system according to claim 34, wherein said transferred data is transferred to said backup

device via said storage area network without passing through said server computer.

36.   (New)   The computer system according to claim 35, wherein said storage is arranged to receive an instruction for creating said secondary volume.

37.   (New)   The computer system according to claim 35, wherein said storage is arranged to receive an instruction for assigning the secondary volume for creating a replica of said primary volume.

38.   (New)   The computer system according to claim 37, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said storage.

39.   (New)   The computer system according to claim 37, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by one of said client computers.

40.   (New)   The computer system according to claim 35, wherein said pair of volumes are configured by using said plurality of disk drives.

41.   (New)   The computer system according to claim 36, wherein said storage is arranged to receive an instruction for assigning the secondary volume for creating a replica of said primary volume.

42.   (New)   The computer system according to claim 41, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said storage.

43.   (New)   The computer system according to claim 41, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by one of said client computers.

44.   (New)   The computer system according to claim 41, wherein said pair of volumes are configured by using said plurality of disk drives.

45.   (New)   The computer system according to claim 34, wherein said storage is arranged to receive an instruction for creating said secondary volume.

46.   (New)   The computer system according to claim 45, wherein said storage is arranged to receive an instruction for assigning the secondary volume for creating a replica of said primary volume.

47.   (New)   The computer system according to claim 46, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said storage.

48.   (New)   The computer system according to claim 46, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by one of said client computers.

49.   (New)   The computer system according to claim 34, wherein said pair of volumes are configured by using said plurality of disk drives.

50.   (New)   The computer system according to claim 34, wherein said storage is arranged to receive an instruction for assigning the secondary volume for creating a replica of said primary volume.

51.   (New)   The computer system according to claim 50, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by said storage.

52.   (New)   The computer system according to claim 50, wherein said instruction for assigning the secondary volume for creating a replica of said primary volume is issued by one of said client computers.

53.   (New)   The computer system according to claim 50, wherein said pair of volumes are configured by using said plurality of disk drives.